

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/051231A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02F1/1335 G02B5/02 G03F7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02F G02B G03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 380 995 B1 (KIM YONG BEOM) 30 April 2002 (2002-04-30) the whole document	18, 21
Y	idem	19, 20
A	idem	1-17
Y	----- US 6 285 426 B1 (AKINS ROBERT BENJAMIN ET AL) 4 September 2001 (2001-09-04) the whole document	19, 20
A	----- US 4 698 238 A (OKANO HARUO ET AL) 6 October 1987 (1987-10-06) the whole document -----	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

7 October 2004

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15/10/2004

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Information on patent family members

International Application No
PCT/IB2004/051231

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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US 4698238	A	06-10-1987	JP	61187237 A		20-08-1986
			DE	3604342 A1		14-08-1986
			GB	2172246 A ,B		17-09-1986